

Converting Colors

YUV(24.7080, 33.1750, -0.6209)

Have a look what the booklet for
YUV(24.7080, 33.1750, -0.6209)
contains.

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Color

**YUV(24.7080, 33.1750,
-0.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	180C5C
RGB	24, 12, 92
RGB Percent	9%, 5%, 36%
CMY	0.9059, 0.9529, 0.6392
CMYK	0.74, 0.87, 0.00, 0.64
HSL	249°, 77%, 20%
HSV	249°, 87%, 36%
XYZ	2.4399, 1.2298, 10.2340
YIQ	24.7080, -18.5280, 27.4240

Conversions

Conversions Part 2

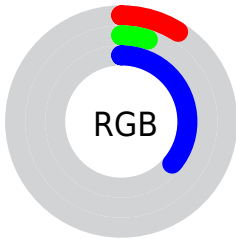
Format	Color
RYB	24, 12, 92
Decimal	1576028
CIELab	10.78, 32.08, -44.77
CIELCh	11, 55.079, 305.628
Yxy	1.2298, 0.1755, 0.0885
Android (android.graphics.Color)	4279766108 (0xFF180C5C)
YUV	24.7080, 33.1750, -0.6209
Hunter-Lab	11.0898, 19.8655, -46.9516

Details

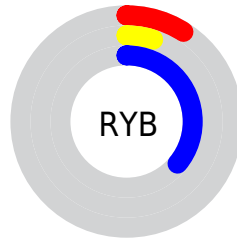
The YUV color **24.7080, 33.1750, -0.6209** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **79.2920, -33.1750, 0.6209**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.0940, 34.4637, 6.0566**, and **6.8910, 18.7877, -6.0434** is the 20% darker color. If you saturate the color by 10%, you get **17.0330, 36.9587, -0.9059**, and if you desaturate by 10%, it is **32.3830, 29.3912, -0.3359**.

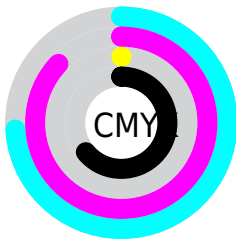
Distribution



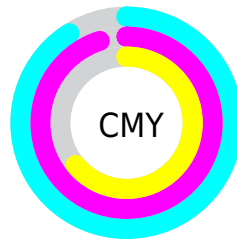
- Red (9%)
- Green (5%)
- Blue (36%)



- Red (9%)
- Yellow (5%)
- Blue (36%)



- Cyan (74%)
- Magenta (87%)
- Yellow (0%)
- Black (64%)



- Cyan (91%)
- Magenta (95%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.7080, 33.1750, -0.6209 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 24.7080, 33.1750, -0.6209 by changing the saturation by 10% instead.

■ 24.7080, 33.1750,
-0.6209

■ 24.7080, 33.1750,
-0.6209

■ 245.6080, 4.6303,
8.2368

■ 7.7520, 29.7023,
-6.7985

■ 73.0940, 34.4637,
6.0566

■ 6.8910, 18.7877,
-6.0434

■ 98.0340, 35.4792,
6.9862

■ 3.2090, 9.7570,
-2.8143

■ 123.3870, 36.7842,
8.4306

■ 0.0000, 0.0000,
0.0000

■ 150.2130, 37.3630,
9.4602

■ 177.1530, 38.3786,
10.3898

■ 201.6730, 26.2902,

14.3188

■ 226.7800, 13.9125,
17.7329

■ 24.7080, 33.1750,
-0.6209

■ 24.7080, 33.1750,
-0.6209

■ 17.0330, 36.9587,
-0.9059

■ 32.3830, 29.3912,
-0.3359

■ 14.6740, 38.1217,
-0.5911

■ 40.0580, 25.6074,
-0.0509

■ 48.0210, 21.6816,
-0.8954

■ 55.6960, 17.8979,
-0.6104

■ 63.3710, 14.1141,
-0.3254

■ 71.0460, 10.3303,
-0.0403

■ 78.7210, 6.5465,
0.2447

■ 86.9830, 2.4734,
0.0149

■ 94.3590, -1.1630,
-0.3148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.1560, 36.8981, -28.2008



24.7080, 33.1750, -0.6209



29.3790, 15.5892, 40.0096

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.7080, 33.1750, -0.6209



25.2830, -12.4645, 31.3238



29.2310, 2.8441, -25.6356

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.7080, 33.1750, -0.6209



79.2920, -33.1750, 0.6209

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.6540, -12.1544, -21.6216



24.7080, 33.1750, -0.6209



26.8790, -13.2513, 3.6141

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.7080, 33.1750, -0.6209



24.2190, -11.9400, 49.7969



22.3060, -10.9969, -19.5624



34.1500, 19.1531, -29.9495

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.7080, 33.1750, -0.6209



30.1170, 2.9003, 49.8864



22.3060, -10.9969, -19.5624



27.1620, -2.5449, -23.8211

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.7080, 33.1750, -0.6209



93.7300, 12.9511, -0.6402



61.0360, 15.2653, -43.0046



45.0630, 7.8569, -0.0553



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.7080, 33.1750, -0.6209



19.0620, 49.7624, -0.9314



36.6680, 27.2787, 23.9702



41.8690, 2.0366, 0.1149



17.3240, 45.6893, -1.1611



37.7820, 98.2145, -1.5628

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.6720, 17.9097, 42.3837



47.5080, 26.8646, 63.5755



67.3320, -27.2787, -23.9702



42.9510, 1.0102, 2.6740



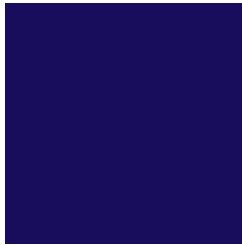
43.4920, 24.4074, 58.3275



93.8910, 53.2977, 125.5066

Previews

White Background



This preview shows how the YUV color 24.7080, 33.1750, -0.6209 looks on a white background.

Color Contrast Check

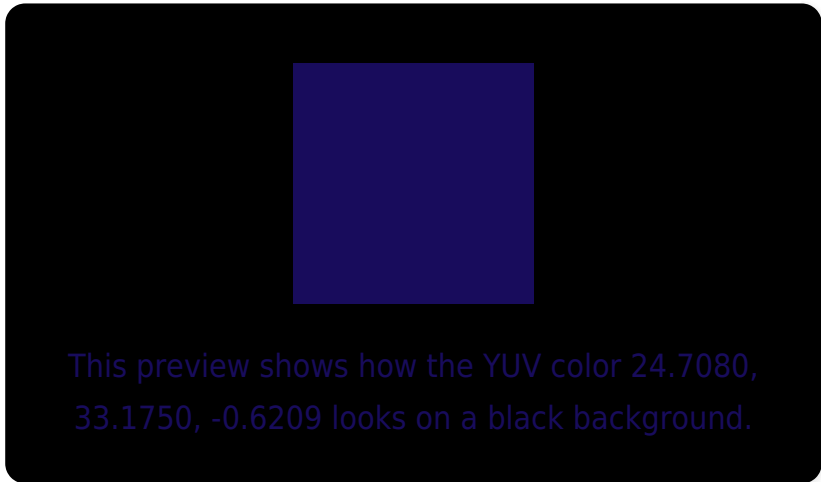
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

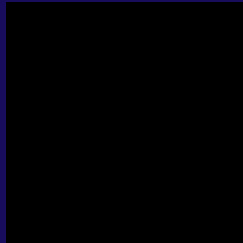
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 24.7080, 33.1750, -0.6209

Background



This preview shows how black text looks on a background with the YUV color 24.7080, 33.1750, -0.6209.



This preview shows how white text looks on a background with the YUV color 24.7080, 33.1750,

-0.6209.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.7080, 33.1750, -0.6209

Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia

24.8260, 13.8898, -21.7724



Tritanopia

24.0620, 5.8854, -21.1024

Trichromacy



Original Color

24.7080, 33.1750, -0.6209

Protanomaly

24.6280, 24.3404, -13.7058

Deuteranomaly

25.0040, 20.7040, -14.0355

Tritanomaly

24.3370, 15.6099, -13.4505

Monochromacy



Original Color

24.7080, 33.1750, -0.6209

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.8010, 11.9301, 0.1745

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.7080, 33.1750, -0.6209 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(24, 12, 92)` looks like.

```
.text, #text, p{  
  color:rgb(24, 12, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(24, 12, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 12, 92) }
```

Border

The CSS property to change the border of an element to YUV 24.7080, 33.1750, -0.6209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(24, 12, 92) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(24, 12, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(24, 12, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 12, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 12, 92);  
box-shadow:4px 4px 4px 4px rgb(24, 12, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.7080, 33.1750, -0.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 12, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(24, 12,  
92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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